

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 2225525 A1 20100908 (EN)

Application
EP 08865532 A 20081217

Priority
• EP 2008067431 W 20081217
• SE 0702872 A 20071221

Abstract (en)
[origin: WO2009080565A1] A plate for the use in a heat exchanger cassette, where the plate comprises a corrugated pattern having a plurality of ridges (9) and valleys (10), and where the plate comprises a sealing gasket groove (3) encircling a heat transfer surface (8) that will be part of a contact-free fluid channel when two cassettes comprising at least one plate each are positioned adjacent each other, wherein the sealing gasket groove (3) comprises a base surface with a first, flat section (12) and a second, bent section (13), and where the bent section is angled with the angle α . The advantage of the inventive plate is that an airtight heat exchanger cassette can be obtained in an easy and cost-effective way.

IPC 8 full level
F28D 9/00 (2006.01); **B23K 1/00** (2006.01); **F28F 3/08** (2006.01); **F28F 3/10** (2006.01)

CPC (source: EP SE US)
B23K 1/0012 (2013.01 - EP US); **F28D 9/00** (2013.01 - SE); **F28D 9/005** (2013.01 - EP US); **F28F 3/00** (2013.01 - SE); **F28F 3/083** (2013.01 - EP US); **F28F 3/10** (2013.01 - EP SE US); **B23K 2101/14** (2018.08 - EP US); **F28F 2275/04** (2013.01 - EP US); **Y10T 29/49366** (2015.01 - EP US); **Y10T 29/49393** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009080565 A1 20090702; CN 101932897 A 20101229; CN 101932897 B 20130130; DK 2225525 T3 20170731; EP 2225525 A1 20100908; EP 2225525 B1 20170426; ES 2627442 T3 20170728; JP 2011506905 A 20110303; JP 5386503 B2 20140115; SE 0702872 L 20090622; SE 532345 C2 20091222; SI 2225525 T1 20170731; US 2010258288 A1 20101014; US 8939195 B2 20150127

DOCDB simple family (application)
EP 2008067431 W 20081217; CN 200880122571 A 20081217; DK 08865532 T 20081217; EP 08865532 A 20081217; ES 08865532 T 20081217; JP 2010538607 A 20081217; SE 0702872 A 20071221; SI 200831810 A 20081217; US 74798608 A 20081217